

Application No. 10/511,527

Reply to Office Action

## AMENDMENTS TO THE SPECIFICATION

RECEIVED  
CENTRAL FAX CENTER

JUN 06 2007

Please replace paragraph [0028] of U.S. Patent Application Publication 2006/0147911 ("the '911 publication") with:

FIG. 1 shows in section 1 the cell diameter before the cells were suspended for density gradient centrifugation using a hyper-osmolarity buffer. The cell diameter is on average 8.02  $\mu\text{m}$ . Compared with this, FIG. 2b shows the cell diameter after Immersion in a hyper-osmolarity buffer such as Nycoprep<sup>TM</sup> NYCOPREP<sup>TM</sup> (13% (w/v) Nycodenz, 0.58% (w/v) NaCl, and 5 mM Tricine-NaOH pH 7.4 in H<sub>2</sub>O) or Polymorphprep<sup>TM</sup> POLYMORPHPREP<sup>TM</sup> (13.8% (w/w) Diatrizoate and 8% (w/v) dextran 500 in H<sub>2</sub>O). The average diameter was reduced to 4.97  $\mu\text{m}$ .

Please replace paragraph [0056] of the '911 publication with:

1. Gradient separation with Polymorphprep<sup>TM</sup> POLYMORPHPREP<sup>TM</sup> (13.8% (w/w) Diatrizoate and 8% (w/v) dextran 500 in H<sub>2</sub>O) and Nycoprep<sup>TM</sup> NYCOPREP<sup>TM</sup> (13% (w/v) Nycodenz, 0.58% (w/v) NaCl, and 5 mM Tricine-NaOH pH 7.4 in H<sub>2</sub>O)

Please replace paragraph [0063] of the '911 publication with:

a) Start with 3 ml Polymorphprep<sup>TM</sup> POLYMORPHPREP<sup>TM</sup> (13.8% (w/w) Diatrizoate and 8% (w/v) dextran 500 in H<sub>2</sub>O) (gradient) (density 1.113, Nycomed)

Please replace paragraph [0064] of the '911 publication with:

b) Carefully overly with 3 ml Nycoprep<sup>TM</sup> NYCOPREP<sup>TM</sup> (13% (w/v) Nycodenz, 0.58% (w/v) NaCl, and 5 mM Tricine-NaOH pH 7.4 in H<sub>2</sub>O) (gradient) (density 1.068)